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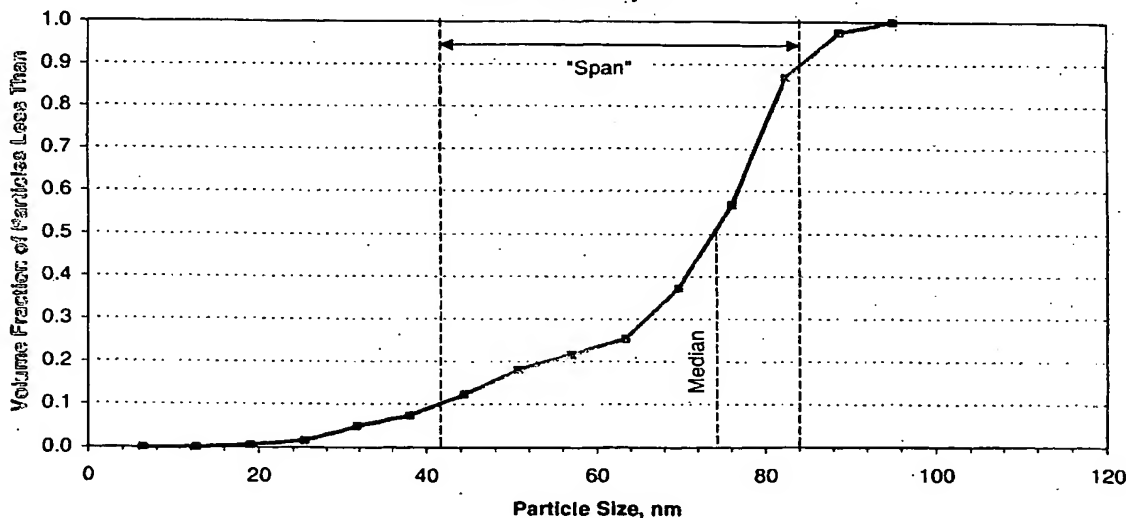
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(54) Title: ABRASIVE PARTICLES FOR CHEMICAL MECHANICAL POLISHING

**Particle Size Distribution - Cumulative Volume**  
From TEM Analysis



(57) Abstract: An abrasive composition for polishing substrates including a plurality of abrasive particles having a polydisperse particle size distribution with median particle size, by volume, being about 20 nanometers to about 100 nanometers; a span value, by volume, being greater than or equal to about 20 nanometers, wherein the fraction of particles greater than about 100 nanometers is less than or equal to about 20% by volume of the abrasive particles.